

AMENDMENTS TO THE CLAIMS

1. (Withdrawn) A lead for pet comprising:

a portable electric power generator including an enclosure incorporating an electric power generator, a cable installed for being wound out from and into the enclosure, the integrated electric power generator for generating electricity inside the enclosure using a force applied to the cable, and a power supply cable for supplying the generated electricity;

a lead connected with one end of said cable of said portable electric power generator at one end, and used for holding said power supply cable inside or outside in parallel;

a joint installed on the other end of said lead, and used for detachably attaching the lead to a collar; and

a power supply line connector attached to an end of said power supply cable close to said joint.

2. (Withdrawn) A collar for pet comprising:

a jack for power supply cable disposed on the outside surface of said collar;

a power supply line disposed in the lengthwise direction of said collar starting from said jack for power supply;

an electric connector disposed on an end of said power supply line; and

a joint for detachably attaching a lead.

3. (Currently amended) An electronic device attached to pet comprising:

detecting means for detecting the existence of ~~another~~ a collar attached to a neck of the same pet;

memorizing means for memorizing a ~~program~~ procedure which is invoked on detecting [[the]] an absence of said ~~another~~ the collar by said detecting means;

a power supply unit; and

a joint for being attached to [[a]] the collar of a pet.

4. (Previously presented) An electronic device according to claim 3, wherein said electronic device is attached to an outside surface of the collar.

5. (Withdrawn) A collar for pet according to claim 2, further comprising a power supply unit disposed on the outside of said collar.

6. (Withdrawn) An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

- a battery for supplying individual units with electric power;
- a GPS unit for detecting the current location;
- an antenna unit for wireless transmission/reception; and
- a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data,

wherein said wireless data communication unit is used to transmit a message including information on remaining energy amount of said battery, and said current location to the outside.

7. (Withdrawn) An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

- a rechargeable battery for supplying individual units with electric power;
- a jack for accepting plug for supplying electricity for charging;
- an interface circuit for charging capable of detecting the existence of said plug inside said jack; and

memorizing means for memorizing a program invoked on detecting the absence of said plug inside said jack by said interface circuit for charging.

8. (Withdrawn) An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

- a battery for supplying individual units with electric power;
- a GPS unit for detecting the current location;
- an antenna unit for wireless transmission/reception;
- a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data; and
- collar pullout detecting means for detecting pullout of a collar from a neck of a pet,

wherein said wireless data communication unit is used to wirelessly transmit a message including identification information of said pet, and information indicating that

the pet has gotten lost to a predetermined destination when said detecting means detects the collar pullout.

9. (Withdrawn) An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

- a rechargeable battery for supplying individual units with electric power;
- a charging interface circuit for charging said rechargeable battery, and simultaneously detecting the charge status;
- a GPS unit for detecting the current location;
- an antenna unit for wireless transmission/reception;
- a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data; and

detecting means for detecting the occurrence of a stray status where said GPS unit detects a location away from a registered location by a predetermined distance, and simultaneously said charging interface circuit has not detected the charge of said rechargeable battery for more than a predetermined period,

wherein said wireless data communication unit is used to wirelessly transmit a message including identification information of a pet, and information indicating that the pet has gotten lost to a predetermined destination when said detecting means detects an occurrence of said stray status.

10. (Withdrawn) An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

- a rechargeable battery for supplying individual units with electric power;
- a charging interface circuit for charging said rechargeable battery, and simultaneously detecting the charge status;
- a GPS unit for detecting the current location;
- an antenna unit for wireless transmission/reception;
- a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data; and

detecting means for detecting an occurrence of a stray status of a pet wearing said collar,

wherein said wireless data communication unit is used to wirelessly transmit a message including identification information of a pet, and information indicating that the

pet has gotten lost to a predetermined destination when said detecting means detects an occurrence of said stray status.

11. (Withdrawn) An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

- a rechargeable battery for supplying individual units with electric power;
- a charging interface circuit for charging said rechargeable battery, and simultaneously detecting the charge status;
- a GPS unit for detecting the current location;
- an antenna unit for wireless transmission/reception;
- a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data; and
- detecting means for detecting the occurrence of a stray status of a pet wearing said collar,

wherein said wireless data communication unit is used to wirelessly transmit a message including identification information of the pet, information indicating that the pet has gotten lost, and the current location of the pet detected by said GPS unit to a predetermined destination when said detecting means detects an occurrence of said stray status.

12. (Withdrawn) A pet search center comprising:

- report receiving means for receiving a report including identification information of a pet, and reporting that the pet has got lost;
- reading out means for reading out a registered image and characteristic of the pet from a database based on said identification information on said stray pet obtained from said report receiving means; and
- search requesting means for transmitting said information read out by said reading out means along with information requesting search for said pet to a predetermined destination.